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REPLACEMENT CLAIMS

1. A method of monitoring, analyzing and managing mechanical press usage, comprising the steps of:

- monitoring vibration severity, including vibration severity zone;
- monitoring tipping moment severity;
- monitoring press repair information, including die repair information;
- monitoring press maintenance information, including die maintenance information;
- monitoring press applied load; and
- analyzing the effect of vibration severity, tipping moment severity, press repair, press maintenance and applied load to determine necessary press modifications.

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